

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV015009.D
 Acq On : 18 Mar 2020 06:00
 Operator : SY/MD
 Sample : L1941-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC0

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:02:30 PM

Quant Time: Mar 18 08:56:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 07:43:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304602	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155951	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75513	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.42%
7) Chloroethane-d5	1.58	69	62913	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.48%
11) 1,1-Dichloroethene-d2	2.12	63	97811	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.84%
21) 2-Butanone-d5	3.93	46	105343	85.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.14%
24) Chloroform-d	4.38	84	195292	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.06	65	125968	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.08	84	384227	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
36) 1,2-Dichloropropane-d6	6.10	67	115188	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.88%
41) Toluene-d8	7.34	98	372702	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.64	79	49221	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.46%
47) 2-Hexanone-d5	8.12	63	99394	89.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167756	46.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	167798	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

					Ovalue
51) Chlorobenzene	8.90	112	177458	28.138	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	267633	52.077	ug/L 99
63) 1,4-Dichlorobenzene	11.29	146	510610	98.633	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	45957	8.952	ug/L 95
67) 1,3,5-Trichlorobenzene	12.67	180	4986m	1.237	ug/L
68) 1,2,4-trichlorobenzene	13.28	180	227383	63.314	ug/L 99
70) 1,2,3-Trichlorobenzene	13.76	180	32319	9.091	ug/L 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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